

Remark

Applicants respectfully request reconsideration of this application as amended. No claims have been amended. Claims 1-38 have been cancelled. Claims 39-75 have been added as new. Therefore, claims 39-75 are presented for examination.

35 U.S.C. § 103 Rejection

Tsatsanis, Hernderson and Kerpez

The claims stand rejected under 35 U.S.C. §103(a) as being anticipated by Tsatsanis et al., U.S. Patent No. 2006/0056522 ("Tsatsanis") in view of Henderson et al., U.S. Patent No. 6,678,375 ("Henderson") and, in some cases, in further view of Kerpez, U.S. Patent No. 7,106,833 ("Kerpez").

As discussed with the Examiner on October 21st, 2008, none of the references show or render obvious supervectoring as described in e.g. paragraph 38 and elsewhere in the specification. This is expressed in e.g. Claim 39 as a controller at an end opposite the CPEs and vectoring "across multiple loops of the multiple loop segment that are coupled to different CPEs."

The claims have been rewritten to focus on this aspect of the invention. The independent claims correspond in order to the originally filed independent claims with supervectoring clarified and other unnecessary limitations removed. Claims 73-75 are new and the machine-readable medium aspect finds support, e.g., in paragraphs 73 and 86.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

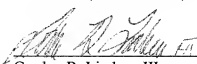
Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Gordon R. Lindeen III
Reg. No. 33,192

1279 Oakmead Parkway
Sunnyvale, California 94085-4040
(303) 740-1980